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SCIENTIFIC NOTES AND NEWS

AMONG the honorary degrees conferred by Yale University are doctorates of laws on Dr. Josiah Royce, professor of philosophy at Harvard University, and Dr. George E. Vincent, president of the University of Minnesota; the doctorate of science on Professor W. H. Howell, professor of physiology in the Johns Hopkins University, and the doctorate of letters on Mr. John Muir, naturalist and author.

DR. EDGAR F. SMITH, provost of the University of Pennsylvania, has been given the doctorate of laws by Rutgers College.

THE doctorate of science has been conferred by Wesleyan University on Dr. F. G. Benedict, director of the Nutrition Laboratory of the Carnegie Institution and by Tufts College on Dr. A. P. Wills, professor of mathematical physics in Columbia University.

THE University of Pennsylvania has conferred an honorary doctorate of veterinary medicine on Dr. Veranus A. Moore, of the State Veterinary Department of Cornell University.

BROWN UNIVERSITY has given a doctorate of science to Dr. H. J. Wheeler, director of the Experiment Station of the Rhode Island College, and the master of arts to Mr. F. E. Seagrave, astronomer, of Providence.

PROFESSOR FRANKLIN W. HOOPER, director of the Brooklyn Institute of Arts and Sciences, has received the doctorate of laws from Middlebury College.

THE London Mathematical Society has awarded the De Morgan medal for 1911 to Professor H. Lamb, F.R.S., for his work in mathematical physics.

MR. LEONHARD STEJNEGER has been appointed head curator of the department of biology in the U. S. National Museum to succeed Dr. F. W. True.

THE board of scientific directors of the Rockefeller Institute for Medical Research announce the following appointments to the staff of the institute:

Alfred E. Cohn, M.D., associate in medicine.

Arthur N. M. Ellis, M.B., assistant resident physician.

Alphonse R. Dochez, M.D., assistant resident physician.

Frank W. Bancroft, Ph.D., associate in experimental biology.

Reinhard H. Beutner, Ing.D., assistant in experimental biology.

James B. Murphy, M.D., assistant in pathology.

J. J. Bronfenbrenner, fellow in pathology.

Frederick B. La Forge, Ph.D., assistant in chemistry.

Henry K. Marks, M.D., assistant in pathology.

Helen L. Fales, research scholar in chemistry.

Angelia M. Courtney, assistant in chemistry.

PROFESSOR F. W. SARDESON, of the department of geology of the University of Minnesota, has been appointed geologist on the U. S. Geological Survey. He has been directed to complete the areal, stratigraphic, and glacial geology of Minneapolis, St. Paul, Anoka and White Bear quadrangles and to prepare a folio descriptive of this region for publication.

PROFESSOR HERBERT E. GREGORY, of Yale University, has gone to Arizona in the interests of the United States Geological Survey in order to continue his study of the water supply and economic resources of the Navajo Reservation. He will be assisted in this work by Professor W. R. Barrows, Mr. K. C. Heald, of Colorado College, and Mr. H. F. Robinson, irrigation engineer of the Indian Service.

THE International Seismological Association will hold its regular meeting in Manchester, England, from July 18 to 22. The United States is a member of this association, and will be represented at the meeting by Professor Harry Fielding Reid, of the Johns Hopkins University.

DR. L. MURBACH, head of the department of biology in the high school of Detroit, Mich., has been given a year's leave of absence. His address will be Castleton, Vermont.

DR. JOHN MILNE, F.R.S., has been appointed Halley lecturer at Oxford for the year 1912.

ON June 13, Professor Ernst Cohen, of the University of Utrecht, gave an illustrated lecture before the Faraday Society on "Allotropic Forms of Metals." Professor T. W.

Richards, of Harvard University, was invited to take the chair.

DR. I. W. BLACKBURN, professor of pathology in the Georgetown Medical School, and of morbid anatomy in the George Washington University, and for twenty-seven years pathologist in the Government Hospital for the Insane, died on June 19, aged 60 years.

THE United States Civil Service Commission announces that the Philippine government desires to fill two vacancies in the position of chemist, division of organic chemistry, Bureau of Science, Manila, P. I., at salaries of \$2,000 each per annum. It is desired to secure the services of two young men between twenty and forty years of age with a high grade of scientific training who are capable of original work. A thorough training in general and organic chemistry at a reputable college or university and experience in organic research is a prerequisite for consideration for this position; a Ph.D. degree from a leading university would be preferable. A certain share of the routine work for the government would devolve upon the persons appointed to these positions, but the history of the laboratory in the past has shown that each man has had ample time for himself to do research work. In general, the men would select their own topics for investigation, such topics, of course, to have some bearing upon the development of the Philippine Islands. Facilities for immediate publication of research work are found in the *Philippine Journal of Science*, which represents the Bureau of Science before the world. The attention of persons well trained and experienced in organic chemistry is especially invited to these vacancies since, if persons of the desired qualifications are secured, the prospects of promotion for both will be good, as one will probably succeed to the position of chief of the division of organic chemistry at \$3,000 per annum within a year or two. As applications for this position will not be received after August 1, 1911, those interested should communicate with the U. S. Civil Service Commission at Washington, D. C., before this date.

It is announced by Dr. Edgar L. Hewitt, director of American archeology for the Archeological Institute of America, that the valuable library of the late German linguist, Professor Franz Nikolaus Finck, is to be brought to this country. It has been purchased by the Hon. Frank Springer, of New Mexico, for the use of the School of American Archeology, the research school of the Archeological Institute of America. The library is to be installed in the historic palace at Santa Fe, where the Museum of New Mexico and the School of American Archeology are now housed.

At the Field Museum of Natural History, several new groups of American mammals have been placed on exhibition. The prong-horned antelope is shown by five animals in a setting of agaves, cacti and other vegetation of the arid southwest with a large painted background showing other natural features. Four groups of small mammals include the white-footed mouse, jumping mouse, meadow mouse and short-tailed shrew. These are grouped, respectively, on the four sides of a reproduction of a bit of woodland with logs, bushes, grass and flowers so arranged as to form an effective and characteristic background for each.

THE Sproul Observatory was dedicated at Swarthmore College on June 6. It has been presented by Senator William C. Sproul, as a memorial of the twentieth anniversary of the class of '91, of which he is a member. The exercises consisted of the address of presentation, in behalf of the class, by Congressman A. Mitchell Palmer, '91; the unveiling of the tablet by Miss Dorothy Sproul, daughter of the donor; the speech of acceptance, by Dr. John A. Miller, professor of mathematics and astronomy; an address by Miss Susan J. Cunningham, formerly in charge of the same department, and a poem, "Watching the Stars," written for the occasion, by J. Russell Hayes. The new observatory is expected to be ready for use next fall. The telescope, the lens of which will have a diameter of 24 inches, will be one of the most effective on the Atlantic coast.

AN expedition to southeast Arabia has been planned by the Danish Royal Geographical Society, the object being the mapping of parts of Oman and the studying of the ancient memorials and commercial prospects of the country.

A CABLEGRAM has been received at the Harvard College Observatory from Kiel, stating that Wolf's Periodic Comet was observed by Professor Max Wolf at Heidelberg, June 19, 1911, 4792 in.

R. A. $18^{\text{h}} 46^{\text{m}} 16^{\text{s}}$

Dec. $+ 13^{\circ} 28'$

The comet is visible in a large telescope.

THE second annual midsummer State Farmers Institute will be held at the University of Illinois on Tuesday, Wednesday and Thursday, July 11, 12 and 13. The attendance at last summer's institute was about 2,500. Addresses to the general session will be given by the following:

Hon. J. K. Dickinson, secretary, State Board of Agriculture, on "Agricultural Advancement."

Professor J. H. Skinner, dean of the College of Agriculture, Purdue University, on "Rural Problems and Rural Progress."

Hon. B. F. Harris, president of the Illinois Bankers' Association, on "The Banker Farmer, his Influence on Agriculture."

Dr. Charles E. Marshall, Michigan Agricultural College, on "The Farmer and the Scientist."

Hon. W. E. Morse, assistant general manager, Chicago Northwestern R. R., on "Advantages of Closer Cooperation between the Railroads and the Farmer."

THE following geologic investigation is being carried on in Oklahoma: Professor D. W. Ohern, of the University of Oklahoma, and Mr. Carl D. Smith, of the U. S. Geological Survey, are conducting cooperative parties in the Vinita and Claremore quadrangles in the northeastern part of the state. Professor C. H. Taylor, of the University of Oklahoma, is studying the igneous rocks of the Wichita and Arbuckle Mountains. Professor J. W. Beede, of the University of Indiana, has a party in the northern part of the state and will endeavor to trace out the Pennsylvanian-Permian contact from the Kansas line to the

Arbuckle Mountains. Professor C. A. Reeds, of Bryn Mawr College, who has already spent four years in the Arbuckle Mountains, will continue his studies in the lower Paleozoic rocks of that region. The Ohern, Smith and Taylor parties are cooperative; being maintained by the U. S. Geological Survey and the Oklahoma Geological Survey; the Beede and Reeds parties are under the direction of the Oklahoma Geological Survey. The U. S. Geological Survey, the Oklahoma Geological Survey and the Oklahoma State Board of Agriculture are cooperating in the endeavor to ascertain whether or not potash or other soluble salts are present in the western part of the state. A number of deep wells are being drilled, under the direction of the state board of agriculture, in the Panhandle of Oklahoma, in the hope of finding artesian water. The federal Geological Survey and the Oklahoma Survey are paying the expenses of a man to collect samples at frequent intervals from these wells. These samples will be analyzed for potash or other fertilizer material. Mr. Chas. R. Eckes has charge of the work.

UNIVERSITY AND EDUCATIONAL NEWS

PRINCETON UNIVERSITY has received gifts amounting to more than \$100,000, of which \$40,000 is for a lectureship in public affairs to be held by the Hon. George B. McClellan.

DR. ROBERT A. HARPER, professor of botany in the University of Wisconsin, has been elected Torrey professor of botany at Columbia University.

NEW appointments and promotions at the Johns Hopkins University are as follows: In the Philosophical Faculty: Harry F. Reid, Ph.D., now professor of geological physics, to be professor of dynamic geology and geography; John A. Anderson, Ph.D., now associate, to be associate professor of astronomy; Knight Dunlap, Ph.D., now associate, to be associate professor of psychology; J. Elliott Gilpin, Ph.D., now associate, to be associate professor of chemistry; William Kurrelmeyer, Ph.D., now associate, to be associate